

Mouse BACE1 ELISA Kit | BACE1 elisa kit

Mouse BACE1 (Beta Site APP Cleaving Enzyme 1) ELISA Kit

CATALOG #
AAA165150

REACTIVITY
Mouse

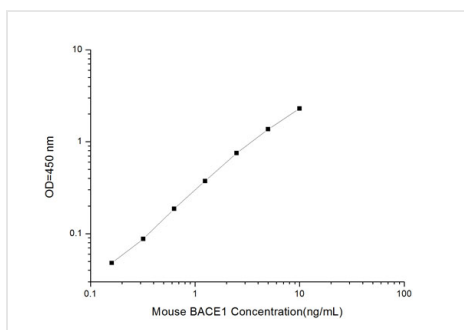
PRODUCT SYNONYMS

BACE1; Mouse BACE1 (Beta Site APP Cleaving Enzyme 1) ELISA Kit; BACE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse BACE1 in samples. No significant cross-reactivity or interference between Mouse BACE1 and analogues was observed.
Sequence Length	401
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse BACE1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse BACE1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BACE1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse BACE1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse BACE1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse BACE1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Mouse BACE1. You can calculate the concentration of Mouse BACE1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse BACE1 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333440466
NCBI GeneID	23621
NCBI Accession #	NP_001193977.1
NCBI GenBank Nucleotide #	NM_001207048.1
UniProt Accession #	P56817; Q9BYB9; Q9BYC0; Q9BYC1; Q9UJT5; Q9ULS1; A0M8W7; B0YIU9; E9PE65; H7BXJ9
Molecular Weight	42,107 Da
NCBI Official Full Name	beta-secretase 1 isoform E
NCBI Official Synonym Full Names	beta-site APP-cleaving enzyme 1
NCBI Official Symbol	BACE1
NCBI Official Synonym Symbols	ASP2; BACE; HSPC104
NCBI Protein Information	beta-secretase 1; APP beta-secretase; asp 2; aspartyl protease 2; beta-secretase 1 precursor variant 1; beta-site APP cleaving enzyme 1; beta-site amyloid beta A4 precursor protein-cleaving enzyme; memapsin-2; membrane-associated aspartic protease 2; transmembrane aspartic proteinase Asp2
UniProt Protein Name	Beta-secretase 1
UniProt Gene Name	BACE1
UniProt Synonym Gene Names	BACE; KIAA1149; ASP2; Asp 2; Beta-site APP cleaving enzyme 1
UniProt Entry Name	BACE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/bace1/165150>